

CLAIMS

What Is Claimed Is:

1. A method for managing network activation with a carrier
5 and registration with a service provider, the method
comprising:

determining a network activation status with the carrier;

if not activated, performing network activation
procedures;

10 determining a registration status with the service
provider;

if not registered, sending a request to a server of the
service provider for a registration file configured
to gather user registration information;

15 receiving the registration file from the server; and
executing the registration file.

2. The method of Claim 1, further comprising returning data
gathered by the registration file to the server to
20 complete registration.

3. The method of Claim 1, wherein the step of determining a
network activation status comprises checking for network
enablement of a mobile radio device.

4. The method of Claim 1, wherein the step of determining a registration status comprises receiving an address of the registration file from the plug-in device.

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5. The method of Claim 4, wherein the address is a uniform resource locator (URL) and the request is a hypertext transfer protocol (HTTP) request.

10 6. The method of Claim 1, wherein the step of executing the registration file comprises at least one of:

determining if an account with the service provider is to be setup;

receiving the registration information from a user; and

15 determining if registration is to be confirmed with the service provider.

7. The method of Claim 1, further comprising determining if the returned data is acceptable to the service provider.

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8. The method of Claim 1, wherein the step of determining an activation status comprises:

launching a driver device configured to manage network activation procedures; and

launching a plug-in device tailored to a particular carrier.

9. The method of Claim 1, wherein the request to the server
5 is a hypertext transfer protocol (HTTP) request including
a uniform resource locator (URL), and wherein the
registration file is located at the URL.

10. The method of Claim 1, wherein the step of executing the
10 registration file comprises displaying dialog screens to
query a user for registration information.

11. A generic framework for network activation and
registration comprising:

15 a generic driver device configured to manage network
activation procedures and registration procedures;
and

a plug-in device configured to initiate registration
procedures based on commands received from the
20 driver, wherein the plug-in device is tailored to a
particular service provider.

12. The framework of Claim 11, wherein the generic driver device and the plug-in device are applications in a personal digital assistant.

5 13. The framework of Claim 11, wherein the generic driver device comprises a selection mechanism configured to launch the generic driver device upon selection by a user, and wherein the generic driver device is further configured to launch the plug-in device.

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14. The framework of Claim 11, wherein the generic driver device is compatible with at least (1) a wireless network operating in a particular verbal language and (2) the plug-in device.

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15. The framework of Claim 14, further comprising another plug-in device tailored to another service provider, wherein the generic driver device is further compatible with the other plug-in device.

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16. The framework of Claim 11, wherein the plug-in device includes an address to a registration file configured to gather user registration information for the particular service provider.

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17. The framework of Claim 16, wherein the generic driver device is further configured to send a request to a server of the particular service provider upon receiving the address of the registration file from the plug-in device.

18. The framework of Claim 16, wherein the address of the registration file is a uniform resource locator (URL), and wherein communications between the generic driver device and the server are handled in a protocol that includes Hypertext Transfer Protocol (HTTP) over Transmission Control Protocol/Internet Protocol (TCP/IP).

19. The framework of Claim 11, wherein the generic driver device is further configured to receive a network registration file from the service provider and to launch the network registration file upon receiving the network registration file from the service provider.

20. A computer-readable medium carrying one or more sequences of one or more instructions for managing network activation with a carrier and registration with a service provider, the one or more sequences of one or more instructions including instructions which, when executed

by one or more processors, cause the one or more processors to perform the steps of:

determining a network activation status with the carrier;

if not activated, performing network activation procedures;

determining a registration status with the service provider;

if not registered, sending a request to a server of the service provider for a registration file configured to gather user registration information;

receiving the registration file from the server; and
executing the registration file.

21. The computer-readable medium as recited in Claim 20, wherein the instructions further cause the processor to carry out the step of returning data gathered by the registration file to the server to complete network activation.

22. The computer-readable medium as recited in Claim 20, wherein the step of determining a network activation status further causes the processor to carry out the steps of checking for network enablement of a mobile radio device.

23. The computer-readable medium as recited in Claim 20,
wherein the step of determining a registration status
further comprises receiving an address of the
5 registration file from the plug-in device.

24. The computer-readable medium as recited in Claim 23,
wherein the address is a uniform resource locator (URL)
and the request is a hypertext transfer protocol (HTTP)
10 request.

25. The computer-readable medium as recited in Claim 20,
wherein the step of executing the registration file
further causes the processor to carry out the steps of:
15 determining if an account with the service provider is to
be setup;
receiving the registration information from a user; and
determining if registration is to be confirmed with the
service provider.

26. The computer-readable medium as recited in Claim 20,
wherein the instructions further cause the processor to
carry out the step of determining if the returned data is
acceptable to the service provider.

27. The computer-readable medium as recited in Claim 20,
wherein the step of determining an activation status
further causes the processor to carry out the steps of:

5 launching a driver device configured to manage network
activation procedures; and
launching a plug-in device tailored to a particular
service provider.

10 28. The computer-readable medium as recited in Claim 20,
wherein the request to the server is a hypertext transfer
protocol (HTTP) request including a uniform resource
locator (URL), and wherein the registration file is
located at the URL.

15 29. The computer-readable medium as recited in Claim 20,
wherein the step of executing the registration file
further causes the processor to carry out the step of
displaying dialog screens to query a user for
20 registration information.